

# Harvest and Regeneration Plan

## Stephens State Forest

**Date:** 5/15/07

**Unit:** Thousand Acre

**Acres:** 17

### **Description of Harvest area(s):** (Maps attached)

The harvest area will include a 17 acre regeneration harvest in which all marketable trees will be harvested, removing approximately 85,307 board feet (Scribner).

### **Pre-Harvest Planning:**

- **Harvest Objective:** To regenerate the existing mature red oak and white oak stand and encourage seeding from adjacent oaks.
- **Endangered Species:** None have been observed or are known of in area. The areas will be surveyed in the summer of 2007.
- **Regeneration:** The area will be allowed to regenerate naturally from the current year's seed crop after the harvest and from red and white oak seedlings already present on the site.

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### **Pre-Harvest Management Prescription:**

No pre-harvest treatment will be necessary.

### **Harvest Management Prescription:**

All trees marked with blue paint will be harvested. Wildlife den trees will not be marked and will be left standing. Best management practices (BMP's) will apply to all harvest sites. No tops or harvesting residue should be left in adjacent waterways. Harvesting is to occur only when ground is firm or frozen to minimize soil disturbance. Skid trails and landing areas will be repaired following the harvest. No skid trails will be allowed in the SMA (within 50 feet of the adjacent waterway) except at designated stream crossings.

**Post-Harvest Management Prescription:** All remaining trees not harvested will be felled or killed standing to reduce the shade factor in the stand and allow good regeneration with the exception of wildlife den trees. Any remaining undesirable species will be cut and chemically treated to prevent re-sprouting.